

## Wheelchair Suspension having Pivotal Motor Mount

### ABSTRACT

The present invention provides a suspension for a conveyance that is capable of traversing obstacles and rough terrain. In this regard, the suspension has a frame member and a pivoting assembly. The pivoting assembly has a pivot arm and a drive assembly. The pivot arm is pivotally coupled to the frame and has a first engagement surface. The drive assembly is pivotally coupled to the frame and has a second engagement surface configured to engage the first engagement surface. The second engagement surface is further configured to disengage from the first engagement surface upon pivotal movement of the drive assembly in a first direction and to re-engage the first engagement surface upon pivotal movement of the drive assembly in a second direction.